FEATURES

- Compatible with the PACOM 8002 Controller

- Support for up to 2 doors and 2 readers

- 8 supervised alarm inputs and 4 relay controlled outputs

- Expandable up to 16 input or 8 outputs when used with expansion modules 8203-4 Output or 8204-8 Input

- Dedicated tamper input

- Remote firmware upgrade

- Support for PACOM peripheral devices 8704, 8705 and 8707

- On-board color LEDs indicate power, transmission, reception and tamper
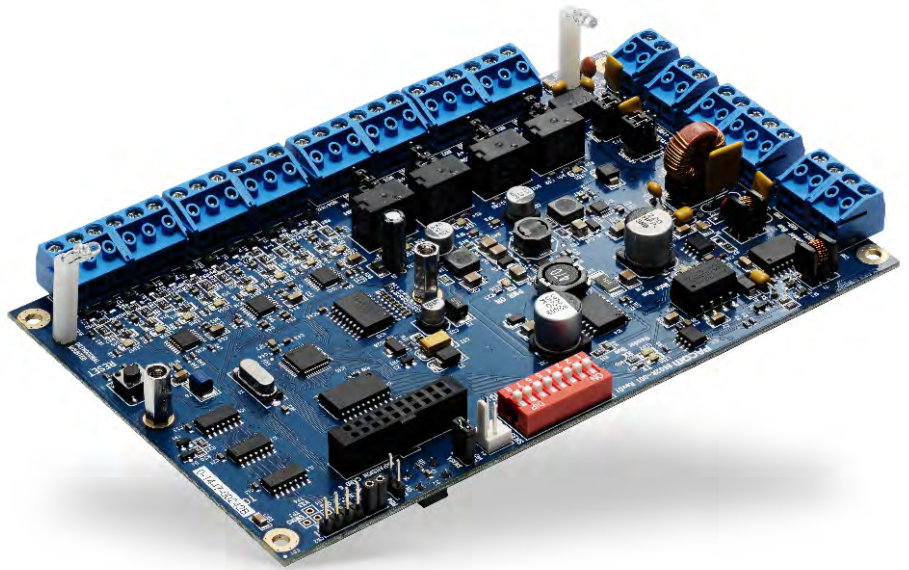
The PACOM 8602 is a multi interface module that can be configured as:

- a door controller
- an input/output module
- a door controller with an input module when used with the 8204 8-Input Expansion Card, or
- a door controller with an output module when used with the 8203 4-Output Expansion Card.
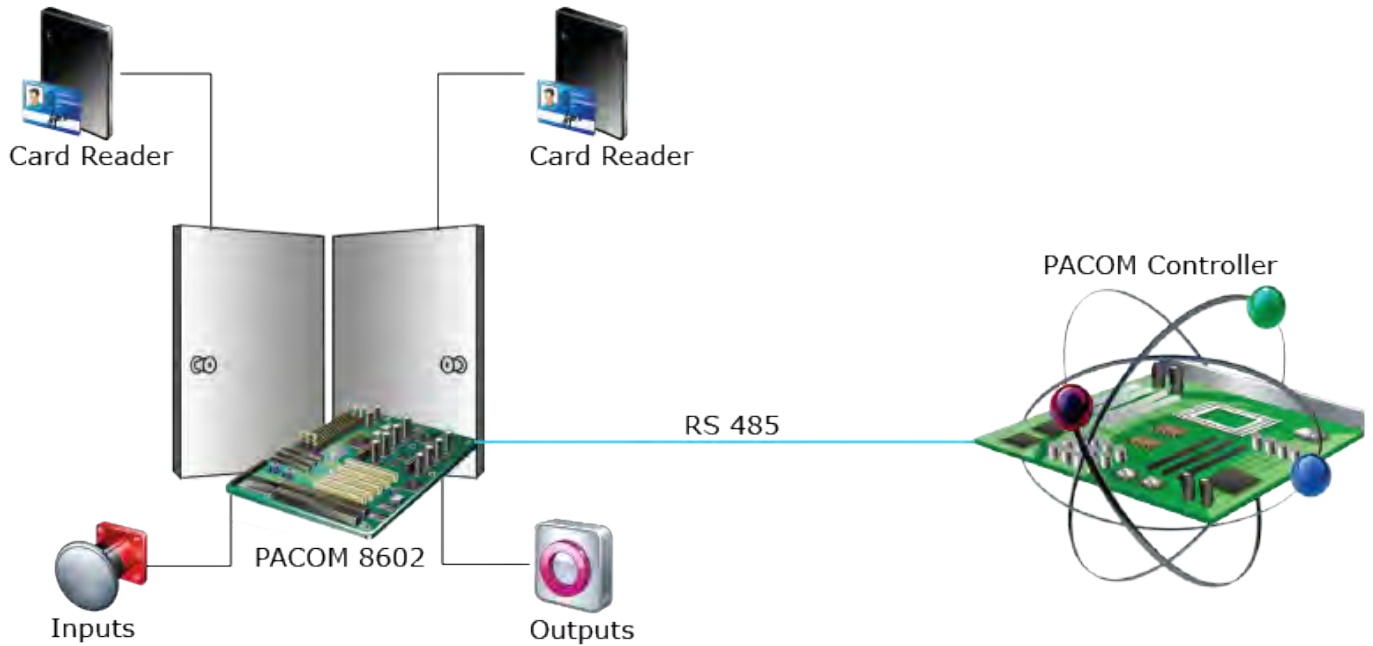
As a door controller, the 8602 supports up to 2 doors and 2 card readers. Configure one door with an IN and OUT reader to suit an environment that requires an anti-passback system. Besides supporting the normal lock, unlock and offline access modes, it also alerts the PACOM Security Software when the card reader goes offline, ensuring a higher degree of security.

As an input/output module, the 8602 supports 8 supervised alarm inputs and 4 relay controlled outputs. This can be expanded to support 16 inputs with the 8204 8-Input Card or 8 outputs with the 8203 4-Output Card.

The 8602 uses the RS485 device line to communicate with PACOM Controllers, and supports card readers that use MiFARE technology or the Open Supervised Device Protocol (OSDP).

The PACOM 8602 Multi Interface Module provides access control for up to 2 doors and expands the input or output functionality of the PACOM 8002 Controller.

ARCHITECTURE

TECHNICAL SPECIFICATIONS

ELECTRICAL

Input Voltage	9 to 36VDC (can be supplied through attached controller or external power supply)
Current Consumption	180mA @ 9VDC typical, excluding attached devices or loads on relays. 120mA maximum with all alarm conditions present and all outputs active.
	65mA @ 24VDC typical, excluding attached devices or loads on relays. 45mA maximum with all alarm conditions present and all outputs active.
	45mA @ 36VDC typical, excluding attached devices or loads on relays. 30mA maximum with all alarm conditions present and all outputs active
Fuse	Automatic fuse 2.2A

ENVIRONMENTAL

Operating Temperature	EU: -10 to +55°C (14 to 131°F)
Maximum Humidity	93% (non-condensing) @ 40°C (104°F)

PHYSICAL

Dimensions	160 x 100mm (6.3 x 3.9") 200 x 190 x 57mm (7.5 x 7.9 x 2.2") including enclosure
Packed Weight	1000g (35.3oz) including enclosure

COMMUNICATIONS

Connection	RS485 (2 wire, optically isolated) RS485 (2 wire) OSDP (Open Supervised Device Protocol) support

SIGNALING

Input	8 x supervised (10kΩ EOL resistance standard. Can be programmed for any value between 1kΩ and 100kΩ)
Output	4 x relay controlled (1A @ 24VDC when powered from external power supply via CN9 connector)

Expansion Card Connection	1 x 20-pin (suitable for 8203/8204 expansion cards)
Indicators	19 status indicator LEDs 8 x input status, 4 x output status power, RS485 Rx/Tx Main Bus, RS485 Rx/Tx Reader Bus, 2 x Tamper Active
Card Reader Supply	24 VDC (Automatic fuse 0.9A)
Expansion Slots	1

SUPPORTED

Expansion Modules	8203 4-Output Expansion Module 8204 8-Input Expansion Module
Peripheral Devices	8704 Slim Reader 8705 Touch Reader 8707 Display Reader

COMPLIANCE & ACCREDITATION

EN 50130-4:2011/A1:2014 | EN 50130-5:2011 | EN 50131-6:2008/A1:2014
EN 50131-3:2009 in conjunction with EN 50131-1:2006/A1:2009 | EN 50131-10:2014
EN 50136-2:2013 in conjunction with EN 50136-1:2012 | EN55032

ORDERING INFORMATION

PART NUMBER	TYPE CODE	DESCRIPTION
300 047 011	8602R-001	8602 Multi Interface (with enclosure)